

ABSTRACT

5 The amount of position error written into a servo burst pattern can
be reduced by using additional media revolutions to write the pattern.
Where the edges of two servo bursts are used to define a position on the
media, trimming the first burst and writing the second burst on separate
revolutions of the media will result in a different amount of position error
being written into each burst. The end result will be a reduction in the
overall error in position information. In order to further reduce the position
error given by a burst pair, each burst also can be trimmed and/or written
10 in multiple passes. Additional bursts can also be written, such as for each
data track centerline. The overall error in position should decrease as the
number of passes used to write a burst pair increases. Also, additional
bursts can be written in separate passes in order to further reduce position
error while avoiding coherence concerns.

15 This description is not intended to be a complete description of, or
limit the scope of, the invention. Other features, aspects, and objects of
the invention can be obtained from a review of the specification, the
figures, and the claims.